

WOODRUFF TUNNEL

Connection Made With the Northern Lower Workings.

WILL MINE BY GRAVITY

A DOWN-HILL PULL TO THE FINE NEW MILL.

In Gold Mountain Haunts—The Splendid Showing in the Golden Star Gold Producer—Rich Ore Bodies in the Sevier—Strike in the Crete—Still Another Property in Beaver Lake Heard From—Tintic Mines Lead—They Set the Pace on the Floor of the Exchange—Mammoth and Chloride Point Are Favorites—Dog Team Transportation—Will Supply Dawson City With Provisions This Winter—The Pacific Mining Company Incorporates.

For the past month a great deal of interest in mining circles has been centered in the work being done by the Northern Light company, of Lion Hill, in its efforts to connect the long Woodruff tunnel, by an incline upraise, with the lower workings of the mine, where mammoth bodies of a good grade of milling gold have been exposed ready for extraction and treatment.

To the outside it would seem that it was a small job to make the necessary upraise of only about 20 feet, and in ordinary ground it would not be, but in this instance the formation was soft and full of loose boulders which every moment during the shift.

"It is a long road that has no turn," however, and word was received in the city yesterday morning that on Saturday night the upraise has been broken through and that the long-desired connection had been made, and now, as soon as the incline is timbered and a partition put in in order to make the roadway as wide as an open chute, the gold ore will be broken and dumped down the chute to the Woodruff tunnel from where it will be conveyed in cars to the mill, which is but a few rods from the mine, where it will be milled by the gravity system, and from all indications it will not be long before the mill will be able to run to its full capacity on a good grade of gold ore, which is hoped and believed that within the course of a few months the company will be able to begin the payment of dividends.

The company has not been exempt from the discouragements, delays and hindrances to which nearly every incorporation is heir to; in fact, it has more than its full share of them, which fact, however, has not in the least detracted from the value of the property, which is known to be rich in its metallic contents. But now, "after many days," it is expected that the company will be able to make a showing that will be pleasing to itself as well as to its many stockholders.

THE GOLD MOUNTAIN HAUNTS.

The Splendid Showing in the Golden Star Gold Producer.

Captain Timothy Egan and George Dorn returned Sunday from a visit to Gold Mountain district, the object of the former being to direct operations in the development of the Golden Star mine, while the latter made an inspection of several of the leading properties of the camp.

At the Golden Star, as mentioned a short time ago in these columns, the vein has been cut in the lower workings, and the capture of it is the object of the effort that is being run on the pay chute there is from 24 to 26 inches of high grade mineral, some of which is replete with free or native gold.

Before returning home Captain Egan let a contract to J. M. Ross and Henry Ogden for the extension of the drift on the vein a distance of 25 feet further and also for the extension of the ore to the upper level. It is hardly likely that the Golden Star will ship any more this winter on account of snow, as there is now two feet of the "seasonal" snow on the mountain, and the grade is being stored in one of the cross-cuts in the mine and the low grade is finding a place on the dump, so that when the roads are again opened the company will be enabled to make heavy and regular shipments with fine bodies of mineral blocked out in the mine.

While in the camp Mr. Dorn put in his time in making an examination of the Golden Star, the Holland, General Connor, Surprise, the Miller, and the Breckenridge-Mammoth mines, and but for the fact that himself and Will Snyder got stalled in the snow, the latter King would have received a visit from him.

While the party were unable to make an inspection of the Sevier mine, Captain Egan stated that it was learned that the reports of rich strikes in that property were correct, and that there is no doubt but what there is now an excellent body of high grade gold ore exposed in this property, while in some portions of the ledge the yellow metal presents itself in the shape of the "pure quill" in pleasing quantities.

As a general thing, the mines of the camp are in a most encouraging condition, and the captain is of the opinion that within another year its output of gold will be heavy.

STRIKE IN THE CRETE.

Still Another Property in Beaver Lake District Heard From.

Colonel S. B. Milner of this city, and C. C. Higgins and Frank Hall of Mercur, are rejoicing over the fact that one has been encountered in the Crete claim. In Beaver Lake district, Beaver county.

"The Crete adjoins the Kate Sackett copper mine, on which considerable work has been done, and in which there is a fine showing of ore. The claim was located in the spring by Messrs. Higgins and Hall, and later on Colonel Milner was taken into the combination and the work that has been done the past two or three months in the development has been done under his direction, although there was nothing much on the surface to go on, as the vein, which is an extension of the Kate Sackett, was heavily covered by wash. The surface showings on the Kate Sackett, however, were so prominent that it was not difficult to ascertain the strike of the ledge, and at a depth of 50 feet ore was found, and it

is believed that the discovery is a most important one, and that with greater depth a large body of excellent copper ore will be disclosed.

A. J. Hansen, who has the work of development in hand, writes Mr. Milner as follows:

"I am now down 50 feet in the shaft, and have struck the vein, and it looks very good. I have exposed about six feet of the vein, and how much more there is of it I cannot tell. The rock looks as well as the Kate Sackett ore, and everybody says I have struck it rich. But assaying will tell better than anything else."

TINTIC MINES LEAD.

They Set the Pace For Advances In the Pit of the Exchange.

Tintic stocks set the pace on the board yesterday in the way of advances in the bidding and they also figured well in the dealings of the day. All the other boats were stopped (further down the river at Minook creek and below. But even this need alarm nobody, as it will be only a little longer than from Lake Linderman, where, after Feb. 1 and probably as early as Jan. 15.

PLENTY OF PROVISIONS can be delivered by the Chilkoot aerial tramway, now building. All the machinery and supplies for this line were forwarded here last week. By the contract to build the line, it is in the view of the alarming reports from Dawson, President Wallace today completed arrangements with Nelson Bennett, the oldest and at one time the largest road contractor along the northwest coast, to go forward and take charge of the work and if possible complete it two weeks earlier than heretofore intended.

When finished the line will deliver 120 tons a day over the mountains. This makes the headwaters of the Yukon only five days from Tacoma. From there Mr. McKay can deliver provisions into Dawson in five days, as fast as he will probably be needed, until the river and lake become navigable, which will be in April or May at the latest. If not, there will be enough gold seekers and their sledges or on foot, all of whom will carry with them supplies enough to last them till September, to make a considerable progress in this district than any measure that could have been devised by the enemies of the white metal.

D. C. Sullivan, P. H. Fennell and Charles Brown have taken a lease and bond on the Silver Hill group in Mammoth hollow, for a term of two years, and have a force of men at work near the shaft on the lower Mammoth, which it adjoins. The Silver Hill is owned by A. A. Noon and associates, of Provo. The lessees are practical miners, and are possessed of sufficient means to make a mine of the white metal.

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George Wilson's strike in the Apex has created wide-spread interest from the fact that few people believe in the continuation of the Geniuri ore bodies south of the Colorado Chief. Wilson is a practical miner of many years experience in Colorado and Utah, and has made a thorough study of the formations in Tintic district. He now has a shaft of 100 feet, and is sinking a vertical shaft on the exposed vein of quartz, with a good prospect of a realization of his belief that a rich ore body lies below.

Tim Sullivan, who yesterday began work on the Mountain View group, is joining the Humburg, on Godiva mountain. He is sinking a shaft close to the Humburg dump, which is on his ground.

The mountain gives indications of proving a veritable treasure hill; it is yielding its hidden wealth to the Elmer Sam, Godiva, Humburg and Fumung No. 2, in such measure as to give the owners a goodly income, and we believe the Mountain View will soon pass from a prospect to a mine, as Mr. Sullivan announces his intention of prosecuting the work until that result is accomplished.

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SHOWING IN THE TIOGA. Good Shipments of Ore Being Made From Ophir Hill.

Mercur, Nov. 29.—A contract has been let on the North Mercur company's ground to drive its tunnel a hundred feet further. A tunnel was commenced last winter, which was put in a distance of 19 feet. The property lies east of the Gladstone, and is owned principally by Ogden parties.

Work on the Tioiga this fall has been of a very encouraging nature, and will probably result in more development work during the winter. A shaft was sunk 100 feet near Porphyry Knob, and at a depth of 20 feet from the surface, a streak of ore was discovered that assayed 230 ounces of silver and \$2.60 gold. The streak was about eight feet thick, but the work of sinking was continued, in the hope that the vein would be tapped at a greater depth, and that it would be considerably wider than the first discovered. The property adjoins the Gold Colorado.

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In the same locality Lynch is taking out some good ore at the Hidden Treasure, and Lee Champlin is shipping good ore from the Brooklyn.

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The Editor group, on the west dip, has changed hands, and is now the property of Dr. Brewster of Evanston. The Editor lies east of the Kate Sackett, and joins the Gold Bug on the south. It is a property of six claims, and considerable prospecting has been done on the ground, and good indications of the presence of ore are found. The new owner is expected in a few days, when it is probable that active development work will be commenced.

The working force at the La Cigale has been cut down somewhat, pending the putting in of "bakers," which will take nearly two months to complete. Preparations for the work are, however, being made, and all diligence will be used in getting the mill ready for work.

The new steam hoist at the Daisy is working satisfactorily, and the force of men in the mine has been increased. When done, still the Limestone continues to improve with depth. A distance of 35 feet has been reached in the vein, the width increasing steadily, while average values are about \$5. The same characteristics are shown in the Daisy vein, hanging wall, color of ore, dip of vein, etc., are duplicated in the new workings.

MINING IN MORGAN COUNTY. A Section That is Prolific in Its Ore Deposits.

Morgan, Utah, Nov. 29.—Morgan county will some day be one of the leading mineral producing counties in the state.

The mining districts here are in an undeveloped state, although a great deal of surface prospecting has already been done, still the Limestone continues to improve with depth. A distance of 35 feet has been reached in the vein, the width increasing steadily, while average values are about \$5. The same characteristics are shown in the Daisy vein, hanging wall, color of ore, dip of vein, etc., are duplicated in the new workings.

The carboniferous belt, which is situated on the northeast side of Morgan City, has been brought to the surface and a high grade of copper ore, the older rocks underlying, they have brought up rich bodies of silver, copper and lead ores, and veins of ore have been found on these strata that have assayed \$1,200 per ton in silver, copper and lead.

The Cottonwood district has a large quantity of lead and carbonate ore in sight, and a 10-ton smelter is being erected.

The most promising prospects on the carboniferous belt are embraced in the Klondike group, which were lately discovered and located, and which are being developed by a company of enterprising men and as a result a large body of rich copper ore is soon looked for.

Julia Trias copper zone crops out about three miles east of Morgan and runs north and south for a distance of six miles, and few prospect holes have been sunk on the copper streak, but no developing has yet been performed. The ore is malachite and a sample recently taken from the ledge assayed 62 percent copper, 30 ounces in silver and \$2.60 in gold.

There are large areas of cretaceous beds on the southeast side of Morgan and coal has been found but not in paying quantities. Very large bodies of rich iron ore have already been discovered and several shipments made.

The range of mountains lying between Salt Lake valley and Weber valley is of the archaic age and native gold has been found on the north side of the range. One body of native gold, the Weber river, being broken by a small boy, had a piece of native gold in it which he sold to a jeweler in Ogden for \$250.

A few enterprising men with capital would soon bring Morgan county into the circle of the rich mining and milling countries of the state.

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Eureka, Nov. 29.—There is considerable activity all over Tintic district, and owners of undeveloped property seem to have taken a new lease of faith in their holdings. A great deal of assessment work is being done, and several leases have been taken on partially developed ground.

The recent law exempting the owners of silver properties from the performance of the annual assessment work did much to retard progress in this district than any measure that could have been devised by the enemies of the white metal.

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Death of "Craps," the Mascot of the Mine and Mill.

Park City, Nov. 29.—A shipment of 48 bars of base bullion containing 27,507.77 fine ounces silver, was made today from the Ontario mill. Only five stamps are now dropping. The floors have been taken up and the machinery at work for many years thus saved is being run through the battery and furnaces.

"Craps," the sky terror at the Ontario mill, died Sunday. He resided at the mill Dec. 4, 1886 as Craps Clavon Chambers, of Ogden, and was always a favorite of Mrs. Chambers. He was a very bright dog and became trained to entertain the guests with a great variety of performances.

William Langton and Judge Anderson came up from Salt Lake this morning to inspect the Cumberland property. Superintendent Lawrence, who has undertaken the work of sinking the shaft 300 feet, is now down 50 feet and is pushing steadily downward. The depth when he commenced was about 25 feet. With the increased depth a drift will be run to strike the ledge that was encountered on the upper levels.

Cottonwood District. Peterson, Utah, Nov. 29.—Van Patent has a force of men burning charcoal in Taylor's canyon for his smelter.

Work will commence tomorrow on the Sappee group. Considerable work has been done on this group with good results.

Mining Stocks Active. Mining stocks were active on the curb yesterday, and the general tendency was good.

As a general thing prices were on the up grade and sales of Chloride Point were reported at 43 cents, while 1,000 shares were tied up for 60 days. On the option at 14 cents. Sales were also reported of Mammoth at \$2.55; Mercur at \$8.20; Swansea at \$2.10; South Swansea at \$1.40; and Geyser-Marion at \$1.10, while Sacramento was in good demand at 22 cents.

Silver and Lead. The silver and lead quotations yesterday were as follows:

Bar silver, 53 cents. Lead, brokers', \$3.50; exchange, \$3.75. Copper, lake, \$16.65; casting, \$16.25.

Ore and Bullion. The ore and bullion receipts yesterday were as follows:

McCormick & Co., bullion, \$3,450; ores, \$1,750. Bamberger & McMillan, ores, \$7,450. National Bank of the Republic, ore, \$2,100.

T. R. Jones & Co., \$2,500; bullion, \$7,800.

Willard City Mines Bonded. Willard City, Utah, Nov. 29.—We expect to have a mining boom in the spring. There are many fine prospects and development work is being done on the most of them.

N. B. Baker and sons recently bonded their two claims, the Mormon Hill and the Anchor, to the American Mining company for the sum of \$50,000, and negotiations are being made for the transfer of other claims.

Sale of Onyx Claims. Lead, Nov. 29.—David Hiteam reports that a sale of one of his onyx claims, sit-

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Julia Trias copper zone crops out about three miles east of Morgan and runs north and south for a distance of six miles, and few prospect holes have been sunk on the copper streak, but no developing has yet been performed. The ore is malachite and a sample recently taken from the ledge assayed 62 percent copper, 30 ounces in silver and \$2.60 in gold.

There are large areas of cretaceous beds on the southeast side of Morgan and coal has been found but not in paying quantities. Very large bodies of rich iron ore have already been discovered and several shipments made.

The range of mountains lying between Salt Lake valley and Weber valley is of the archaic age and native gold has been found on the north side of the range. One body of native gold, the Weber river, being broken by a small boy, had a piece of native gold in it which he sold to a jeweler in Ogden for \$250.